GOVERNMENT OF KARNATAKA

B**angalore Water Supply and Sewerage Board**

REQUEST FOR PROPOSALS (RFP)

FOR

PROJECT MANAGEMENT CONSULTANCY SERVICES FOR THE WORK OF STPs/ISPSs/PUMPING MAINS UNDER ARKAVATHI, ANJANAPURA FURTHER EXTENSION LAYOUT /KOMMAGATTA OF BDA, UNDER DEPOSIT CONTRIBUTION WORKS.

(ONLY THROUGH KARNATAKA PUBLIC PROCUREMENT PORTAL)

TENDER DOCUMENT
3rd CALL

Office of the Chief Engineer (Projects),
Bangalore Water Supply and Sewerage Board
Cauvery Bhavan, 3rdfloor, K G Road Bangalore- 560009
Tel: 08022945108

cep@bwssb.gov.in

PARTICULARS OF TENDER

TENDER REFERENCE:	:	No. BWSSB/CE(P)/ACE (Cstr& DCW)/189/2023-24 Dt:12.05.2023
NAME OF THE WORK	:	Project Management Consultancy Services for the Work of STPs/ISPSs/and

		related Pumping Mains under Arkavathi, Anjanapura further Extension Layouts/Kommagatta of BDA, under Deposit Contribution Works.
LAST DATE AND TIME FOR RECEIPT OF TENDERS	:	16.8.2023 at 1100 Hrs
PRE BID MEETING		4.8.2023 at 1430 Hrs
DATE AND TIME OF OPENING OF TECHNICAL TENDERS	:	17.8.2023 at 1200 Hrs
EARNEST MONEY DEPOSIT	:	**Rs. 3,33,000/-** (Rupees Three Lakh Thirty Three Thousand only) The **EMD** shall be paid through e-procurement.
PLACE OF OPENING OF	:	Office of The Chief Engineer (P), BWSSB

TECHINCAL TENDERS		Cauvery Bhavan, 3rdfloor, K G Road, Bangalore-560009.
TIME AND DATE OF OPENING OF FINANCIAL TENDERS	:	Will be intimated to the qualified Tenderers
PLACE OF OPENING OF PRICE TENDER	:	Office of The Chief Engineer (P), BWSSB Cauvery Bhavan, 3rd floor, K G Road, Bangalore-560009.
ADDRESS FOR COMMUNICATION	:	Office of The Chief Engineer (P), BWSSB Cauvery Bhavan, 3rd floor, K G Road, Bangalore-560009.
CONTRACT DOCCUMENT REFERENCE		Quality and Cost Based Selection **(QCBS)**as per K/C-2

NOTE:

1. Incomplete bids will not be accepted and will not be considered for bid

evaluation

1. The right to accept/reject any or all the bids without assigning any reason vests with Bangalore Water Supply and Sewerage Board.

Section-1 INVITATION FOR TENDER (IFT)
Section-2 INFORMATION TO CONSULTANTS (ITC)
Section-3 DATA SHEET
Section- 4 FORMAT FOR SUBMISSION OF TECHNICAL PROPOSAL
Section-5 FORMAT FOR SUBMISSION OF FINANCIAL PROPOSAL
Section-6 TERMS OF REFERENCE (TOR)

BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Office of The Chief Engineer (Project)

3rdFloor, Cauvery Bhavan D Block,
K.G.Road, Bangalore 560009
Website **www.eproc.karnataka.gov.in**
Tel Fax: 080-22945108 Telephone: 080- 22945108

SECTION-1

INVITATION FOR TENDER (IFT) - 3rd call

(Through Karnataka Public Procurement Portal)

IFT No: BWSSB/CE (P)/ACE (Cstr & DCW)/ 608 /2023-24, Dt: 26.07.2023

The Chief Engineer (Project) invites tender from eligible tenderers, for the "Project Management Consultancy Services for the Work of STPs/ISPSs/Pumping Mains under Arkavathi, Anjanapura further Extensions Layouts of BDA, under Deposit Contribution Works" detailed in the Table below. Tenderers are requested to submit their Tender, EMD and details of their capability to undertake the tender (as detailed in ITC Clause – 3 & 6) in Karnataka Public Procurement Portal. Price tender will be opened only if the Tenderers are advised to note the minimum qualification criteria specified in

Section 3 of the Instructions to Tenders to qualify for award of the contract.

1. Tender documents may be downloaded through the **Karnataka Public Procurement portal**__**https://kppp.karnataka.gov.in**__in website only from **27.7.2023 to 16.8.2023.**Interested Tenderers may obtain further information by accessing the same website.

2. Tenders must be accompanied by Earnest Money Deposit (EMD) specified for the work in the Table below. EMD will have to be in any one of the forms as specified in the tender documents and shall have to be valid for 45 days beyond the validity of the tender.

3. The last date and time for receipt of tenders in the Electronic tender box in website **__https://kppp.karnataka.gov.in__** is **16.8.2023** at **1100 hrs.** The bids will be opened at the office on **17.8.2023** at **1200 hrs**. If the bid opening day remains as public holiday, Bids will be opened on the next working day at the original stipulated time.

4. The other details can be seen in the tender documents.

Sl. No	Name of Work	Tender Processing Fees	Amount put to Tender Rs. in Lakh (Approx) (Excluding GST)	Bid Security Rs. in Lakh	Period of completion

(1)	(2)	(3)	(4)	(5)	(6)
1	Project Management Consultancy Services for the Work of STPs/ISPSs/Pumping Mains under Arkavathi, Anjanapura further Extension Layouts/Kommaghatta of BDA, under Deposit Contribution Works.	To be specified by Karnataka Public Procurement portal	**221.9**	**3.33**	**30 Months**

5. Earnest Money Deposit shall be paid through any one of the forms OTC,NEFT, DEBIT CARD and CREDIT CARD through **Karnataka Public Procurement Portal** only. The value of the bid Security/EMD is as mentioned in the table above in column No.05.
6. The cost of the tender document once paid will not be refunded.
7. Uploading signed copy of Form of Tender should be mandatory.
8. Bangalore Water Supply and Sewerage Board reserve the right to cancel or annul the entire or part of this process of invitation at any time without assigning any reason.
9. For any additional information regarding the above tender, the firms who are interested to quote, may contact office of the undersigned at the office address given below on all working days during office hours 1030 hrs to 1700hrs.

Chief Engineer (Project),
Bangalore Water Supply and Sewerage Board
3rdFloor, Cauvery Bhavan D- Block,
Kempe Gowda Road, Bangalore - 560009

Karnataka, India.
Tel Fax: -91-80-22945108
Telephone: +91-80- 22945108
e-mail ID : cep@bwssb.gov.in
Or **visit Website https://eproc.karnataka.gov.in**

10. List of documents to support qualification of bidder is to be uploaded to the Karnataka Public Procurement portal website **https://eproc.karnataka.gov.in**

11. Bidders shall submit offers that comply with the requirements of the bid document, including the basic technical design as indicated in the drawing and specifications. Alternatives will not be considered. The attention of the bidders is drawn to clause 2.6 of ITC regarding the rejection of the bids, which are not substantially responsive to the requirement of the bid document.

12. Other details can be read from the tender documents.

-Sd-
Chief Engineer (Project)

BWSSB

SECTION2: INFORMATION TO CONSULTANTS (ITC)

2 INTRODUCTION

2.1 The consultants are hereby invited to submit a proposal for consulting services required for the assignment named in the attached Letter of Invitation. Consultant’s proposal could form the basis for future negotiations and ultimately a contract between the Consultancy Firm and the Chief Engineer (P), BWSSB.

2.2 A brief description of the assignment and its objectives are given in the

Terms of reference (TOR).

2.3 To obtain first-hand information on the assignment and on the local conditions, the consultants may contact The Chief Engineer (P), BWSSB.

2.4 Please note that (i) the costs of preparing the proposal and negotiating for the contract, including a visit to site, are not reimbursable as a direct cost of assignment and (ii) BWSSB is not bound to accept any of the proposals received by it and reserves the right to annul the selection process at any time prior to contract award, without thereby incurring any liability to the Consultants.

2.5 Consultant have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or than may reasonably be perceived as having this

effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.

2.6 BWSSB's policy that the consultants observe the highest standard of ethics during the selection and execution of such contracts. In pursuance of this policy, BWSSB:-

(a) Defines, for the purpose of this paragraph, the terms set forth below as follows:

(i) "Corrupt Practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the selection process or in contract execution;

(ii) “Fraudulent practice” means a misrepresentation or omission of facts in order to influence a selection process or the execution of a contract;

(iii) “Collusive practices” means a scheme or arrangement between twoor more consultants with or without the knowledge of the Client, designed to establish prices at artificial, non-competitive levels;

(iv) “Coercive practices” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract.

(b) Will reject a proposal for award if it determines that the Consultant recommended for award has directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question;

(c) will declare firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract; and

(d) will have the right to require that a provision be included requiring consultants to permit the Chief Engineer(P), BWSSB to inspect their accounts and records relating to the performance of the contract and to have them audited by authorized representatives of Chief Engineer(P), Bangalore Water Supply and Sewerage Board.

2.7 Consultants, their Sub-Consultants, and their associates shall not be under a declaration of ineligibility for corrupt and fraudulent practices. Furthermore, the Consultants shall be aware of the provisions on fraud and corruption stated in the specific clauses in the General Conditions of Contract.

Proposals submitted by the consultants, who were blacklisted or debarred from any government agency or any external funding agency as on date of submission of bid. An undertaking letter to this extent need to be submitted by the Consultants as part of their Technical Bid (Part-1)

2.8 The Data Sheet indicates how long Consultants' Proposals must remain valid after the submission date. During this period, Consultants shall maintain the availability of Professional staff nominated in the Proposal. The Client will make its best effort to complete negotiations within this period. Should the need arise; however, the Client may request Consultants to extend the validity period of their proposals. Consultants who agree to such extension shall confirm that they maintain the availability of the Professional staff nominated in the Proposal, or in their confirmation of extension of validity of the Proposal, Consultants could submit new staff in replacement, who would be considered in the final evaluation for contract award. Consultants who do not agree have the right to refuse to extend the validity of their Proposals.

2.9 Consultants Key persons CV's already engaged in any other BWSSB projects shall not be considered for Technical Proposal, same will be treated Nil in evaluation.

3.0 CLARIFICATIONS AND AMENDMENT OF RFP DOCUMENTS

3.1 Consultants may request a clarification of any of the RFP documents only through e-procurement portal within the last date and time prescribed in the e-procurement portal.

3.2 At any time before the submission of Proposals, the Client may for any reason, whether at its own initiative or in response to a clarification requested by an invited firm, modify the RFP documents by amendment. Any amendment shall be issued in writing through addendum. Addendum shall be published through E-Procurement Portal. The Client may at its discretion extend the deadline for the submission of Proposals.

4 PREPARATION OF PROPOSAL

4.1 Consultants are requested to submit their proposal in Two Parts in 2 separate-envelopes /packages and upload properly through e-procurement portal.

The two parts are:
Part1: Technical Proposal Part2: Financial Proposal.

The proposal shall be written in English language.

Proposal submission is through Karnataka Public Procurement Portal and hard copies are not required to be submitted.

4.2 This submission shall contain all the details as specified in the Data sheet **Part** 1**: Technical Proposal**

4.3 Consultant firms are expected to examine all terms and conditions included in the documents. Failure to provide all requested information will be at their risk and may result in rejection of your proposal.

Earnest Money Deposit of the required amount as specified in the Data sheet is to be submitted through e-procurement portal and upload in their Proposal necessary documents.

4.4 During preparation of the Technical Proposal, Consultant firm may give particular attention on the following:

(a) The estimated minimum number of man months for the assignment is stated in the Terms of Reference and Data Sheet for consultant's information. The proposal shall however be based on the number of professional key staff and technical support staff months estimated by the consultant firm and shall not be less than

the minimum specified in the Data Sheet. This is a key criteria that will be considered during Technical Proposal evaluation (Stage-1evaluation)

(b) It is desirable that the majority of the key professional staff proposed should be permanent staff of the firm.

(c) No alternative to key professional staff may be proposed and only one Curriculum Vitae (CV) may be submitted for each position.

(d) A good working knowledge of the English language specified in the data sheet is essential for key professional staff on this assignment. Reports must be in the language(s) specified in the data sheet.

(e) Replacement during execution period shall not be permitted other than natural calamities like, death or sever health issues. In such cases only penalty of 5% on each replacement will not be charged.

(f) Client is having all the rights to instruct for replacement of key person, if the performance is not matching with the standards and also in case of violation of standard ethics.

4.5 Consultant's Technical Proposal must provide the following information, using but not limited to the Table 1 & 2 formats attached in the Appendix I.

a) A brief description of the firm's organization and an outline of recent experience of the Consultants on assignments of similar nature is to be submitted. The information which consultant shall provide on each assignment should indicate, inter-alia, the profiles of the staff provided, duration, contract amount and firm's involvement.
b) Any comments or suggestions on the TOR and a description of the methodology (work plan) which the firm proposes to execute the services, illustrated with bar charts of activities
c) The composition of the proposed staff team, the tasks which shall be assigned to each and their timing;

(d) CV's shall be signed by the Key Professional and the authorized representative submitting the proposal. Key information should include years with the firm and degree of responsibility held in various assignments. Unsigned CV's by both the expert and firm's authorized representative shall not be evaluated and shall be given a nil score.
d) Estimates of the total time effort (person x months) to be provided for the services, supported by bar chart diagrams showing the time proposed (person x months) for each professional staff and
e) Any additional information requested in Data Sheet.

4.6 The Technical Proposal **must not include any financial information**. A Technical Proposal containing any quoted financial details /bid price will be declared non-responsive.

Part 2**: Financial Proposal**

4.7 In preparing the Financial Proposal, consultants are expected to take into account the requirements and conditions of the RFP documents. The Financial Proposal should follow Standard Forms. It lists all costs associated with the Assignment, including (a) remuneration for staff and (b) Duty travel to site/office (c) Office supplies, utilities and communication, reports/ documents printing. All these quotes includes Insurance, taxes etc.. as a part of the total cost.

4.8 Consultants must express the price of their services in the Local currency (Indian Rupees).

4.9 Consultancy services comes under Pure Services and hence GST is not applicable

as per guidelines.

5 SUBMISSION, RECEIPT AND OPENING OF PROPOSALS

5.1 The original proposal shall be prepared and submitted through KPP portal.

5.2 The complete Proposal shall be uploaded / submitted on KARNATAKA PUBLIC PROCUREMENT PORTAL.

5.3 The proposal must be submitted with all pages numbered serially and official seal on the pages along with an index of submissions.

5.4 Consultant’s completed proposal must be submitted on or before the date and time stated in the Data Sheet.

6 PROPOSAL EVALUATION

6.1 A three-stage procedure shall be adopted in evaluating the Proposals:

(i) Eligibility Criteria for Prequalification as stipulated in Appendix-I of Data sheet

(ii) In Technical Evaluation, firms securing the minimum qualifying marks mentioned in of the RFP will be eligible for Financial evaluation

(iii) Financial Evaluation.

Technical Proposal –Part 1

6.2 The Chief Engineer(P), BWSSB shall carry out its evaluation applying the evaluation criteria and points system specified in the data sheet Each responsive proposal shall be attributed a Technical score(St.) The Technical Proposal should score at least **75%** to be considered responsive for Financial evaluation.

Financial Proposal–Part2

6.3 After the evaluation of Technical Proposal is completed, the Client will notify the consultants who have qualified, indicating the date and time set for opening the Financial Proposals .The opening date should allow Consultants sufficient time to make arrangements for attending the opening. The notification will be sent by procurement portal only.

6.4 The Financial Proposals shall be opened through **Karnataka Public Procurement Portal** in the presence of the consultants' representatives who choose to attend. The name of the consultant and the proposed prices shall be read aloud and recorded when the Financial Proposals are opened. The Client shall prepare minutes of the public opening.

6.5 The financial proposals will be corrected for any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount, or between word and figures the former will prevail. In addition to the above corrections, activities and items described in the Technical Proposal but not priced, shall be assumed to be included in the prices of other activities or items. In case an activity or line item is quantified in the Financial Proposal differently from the Technical Proposal, the evaluation team shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity and correct the total Proposal cost.

6.6 The Client shall determine if the financial proposal is complete and without computational errors. The lowest financial proposal (Fm) shall

be given a financial score (Sf) of 100 points. The financial score of the proposals shall be computed as follows: Sf=100xFm/F (F-amount of financial proposal).

6.7 Proposals shall finally be ranked according to their combined Technical (St) and Financial (Sf) scores using the weights indicated in the Data Sheet.

7 NEGOTIATIONS

7.1 Prior to the expiration period of validity of proposal, Bangalore Water Supply and Sewerage Board shall notify the successful firm who submitted the highest scoring proposal in writing by facsimile and invite it to negotiate the contract.

7.2 Negotiations normally take one to two days. The aim is to reach agreement on all points, and initial a draft contract by the conclusion of negotiations.

7.3 Negotiations shall commence with a discussion of your technical proposal, the proposed methodology (work plan), staffing and any suggestions you may have made to improve the TOR .Agreement must then be reached on the final TOR, the staffing and bar charts, which shall indicate activities, staff, periods in the field and in the home office, staff months, logistics and reporting. Special attention shall be

paid to optimize the required outputs from the firm within the available budget and to define clearly the inputs required from Bangalore Water Supply and Sewerage Board to ensure satisfactory implementation of the assignment.

7.4 It is the responsibility of the Consultant, before starting financial negotiations, to contact the local tax authorities to determine the local tax amount to be paid by the Consultant under the Contract. The financial negotiations will include a clarification (if any) of the firm's tax liability in the Client's country, and the manner in which it will be reflected in the Contract; and will reflect the agreed technical modifications in the cost of the services. Unless there are exceptional reasons, the financial negotiations will involve neither there numeration rates for neither staff nor other proposed unit rates.

7.5 Changes agreed upon shall then be reflected in the financial proposal, using proposed unit rates (no negotiation of the unit rates, including the man month rates).

7.6 Having selected a firm, among other things, on the basis of an evaluation of proposed key professional staff, BWSSB expects to negotiate, a contract on the basis of the staff named in the proposal and, prior to contract negotiations, will require assurance that this staff shall be actually available. BWSSB shall not consider substitutions during contract negotiations except in cases of unexpected delays in the starting date or in capacity of key professional staff for reasons of health.

7.7 The negotiations shall be concluded with a review of the draft form of Contract. BWSSB and the firm will finalize the contract to conclude negotiations.

8 AWARD OF CONTRACT

8.1 After completion of negotiations with the consultants, the Client shall award the Contract to the selected Consultant

8.2 Notification on Award of Contract for the Consultant will be made in writing to the successful Bidders by BWSSB.

8.3 The selection of consultant will be at the sole discretion of BWSSB who reserve their rights to accept or reject any or all the Bids without assigning any reason. BWSSB reserves the right to call for additional information from the Bidders consultants.

8.4 The successful firm with whom the Contract is signed is expected to commence the assignment on the date and at the location specified in the datasheet.

9 CONFIDENTIALITY

Information relating to evaluation of proposals and recommendations concerning awards shall not be disclosed to the consultants who submitted the proposals or to other persons not officially concerned with the process, until the winning firm has been notified that it has been awarded the Contract.

10 PERFORMANCE SECURITY

The successful Consultant shall furnish performance security of 5% of the cost (fee) in the form of Bank guarantee and the same will be returned only after successful completion of the Assignment. Bank Guarantee shall be issued either by a Nationalized bank /schedule bank payable at Bangalore.

SECTION - 3
DATASHEET

1. Consultants may seek clarifications on relevant aspects of the RFP till the last date and time assigned for pre-bid queries in Karnataka public procurement portal. No Pre-proposal conference will be held.

2. The proposal validity of the offer shall be valid for 90days after the last date of submission.

The address for requesting clarification is:

Office of the Chief Engineer (P), BWSSB,
Cauvery Bhavan, 3rd floor, K G Road,
Bangalore-560009.

1.1 Earnest Money Deposit: **Rs. 3,33,000/-** (Rupees Three Lakh Thirty Three Thousand only) payable through e-procurement portal only.

1.2 The **minimum** man-months shall be considered by Consultants for preparation of the Proposal, which are considered by Client for both technical and financial bids evaluation.

1.3 The Language of documents, submissions and correspondence will be English.

1.4 Other Taxes - Consultants are requested to consult Tax Consultants for details.

1.4.1 As per GST norms this consultancy service is excluded from GST.

1.5 The Consultants to state all cost in INR only.

1.6 Proposals submitted by the consultants, who were blacklisted or debarred whose services have been before completion of project deliverables, by any Central Government /State Govt Agency or any external funded financial institution /Bank/ Agency, as on date of submission of bid, will not be evaluated further. An undertaking letter to this extent need to be submitted by the Consultants as part of their Technical Bid (Stage-1 evaluation), which is mandatory and without such undertaking letter, the Bid will be treated as non-responsive and will not be evaluated further. Consultant firm must submit the completed bid online (**Karnataka Public Procurement Portal** of GoK).**All the proposals shall be submitted only on the Karnataka Public Procurement Portal**.

1.7 The last date and time of submission is 16.8.2023 upto 1100 hrs, and date of opening is on 17.8.2023 at 1200 Hrs

Pre Bid meeting will be held 4.8.2023 at 1430 Hrs

APPENDIX-1

Minimum Eligibility and Table 1: Details for Technical Evaluation Stage 1

Eligibility criteria for pre-qualification:

1. The Firm must have an office in India, operating for minimum last 10 Years and should be registered under Indian companies Act. 1956. (certificate of incorporation and PAN Card must be furnished with technical proposal)
2. The Firm must have an ISO: 9001 certification. (A copy of the certificate must be furnished with Technical Proposal)
3. The firm should not have been blacklisted by any government / Non-Government / Private agencies/organizations/institutions and funding agencies as on date of submission of bid**.**
4. The experience and financial capability of parent company shall not be considered in case of any Indian subsidiary.
5. Bidders are not allowed to form **Joint venture or Consortium** with other bidders.
6. Subletting/ subcontracting of any part of work is not permitted.
7. Firm having worked in this region is desirable. (In Karnataka & South India)
8. Experience of personnel in consultancy organizations shall only be considered.

9. For the position of Team leader, Hydraulics Engineer & Structural Engineer, Mechanical Design Engineer the Permanent staff will be considered those employed with the firm for at least 6 months and above. For rest of the positions this condition does not prevail.

10. The consultants shall be registered and working / worked with BWSSB or any other Water Boards in India in similar projects. Documentary proof shall be submitted along with Bid

11. The company should not be a loss making in last 3 years. Documentary proof shall be submitted along with Bid

Specific Criteria

1. The Firm shall have achieved in at least in two financial years a minimum financial turnover of Rs.1.8 Cores in each of the last five years. Documentary proof in the form of attested balance sheet for last 5 years (From 2018-19 to 2022-23) shall be submitted.
2. Consultancy Firm must have successfully designed, implemented/construction and commissioned, Project of:

    a. Sewage Treatment facility along with conveyer and sewerage network from laterals to ISPS/STPs of value not less than 116 Crore.

    The scope of the projects include preparation of Design, Detailed engineering and construction supervision/Project management services, commissioning of the system including SCADA and instrumentation through competitive Bidding in India (Furnish copy performance certificate issued by the Owner/Employer not below the rank of Executive engineer)

3. The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of Sewerage Treatment Plants with Biological Nutrient Removal facility of total capacity:

    a. 1No. of 30 MLD capacity.

    or

    b. 2 Nos. of minimum 15 MLD capacity.

4. The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of Terminal / Intermediate sewage Pumping stations of total capacity 34 MLD.

5. The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of at least one Pumping main of MS/DI pipeline of length 5.8 kms and dia 500mm and above under Water Supply/Sewerage System in last 5 years.

Note: 1. Necessary notarized certificates towards the above experience shall be uploaded along with the other tender documents.

Evaluation will be carried out based on:

The numbers of points to be given under each of the evaluation criteria are:

Points

1. Specific experience of the consultants related to the Assignment 10 Points

(Refer Table – A, Sl. No. I)

2. Adequacy of the proposed work plan and methodology in responding 25Points

to the TOR (Refer table – B, Sl. No. II)

3. Qualifications and competence of the key professional staff for the 65 Points

Assignment (Refer Table C& D)

TOTAL 100 Points

TABLE –A

S. No.	Particulars	Marks
I	**Specific experience of the consultants related to the Assignment**	
a)	Sewage Treatment facility along with conveyer and sewerage network from laterals to ISPS/STPs of value not less than 116 Crore. The scope of the projects include preparation of Design, Detailed engineering and construction supervision/Project management services, commissioning of the system including SCADA and instrumentation through competitive Bidding in India (Furnish copy performance certificate issued by the	2.0

S. No.	Particulars	Marks
	Owner/Employer not below the rank of Executive engineer)	
b)	The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of Sewerage Treatment Plants with Biological Nutrient Removal facility of total capacity: **a.** 1No. of 30 MLD capacity. or **b.** 2 Nos. of minimum 15 MLD capacity.	5.0

S. No.	Particulars	Marks
c)	The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of Terminal / Intermediate sewage Pumping stations of total capacity 34 MLD.	1.5
d)	The firm should have experience in Project Management Services (Including Construction Supervision) and Design, Detailed engineering of at least one Pumping main of MS/DI pipeline of length 5.8 kms and dia 500mm and above under Water Supply/Sewerage System in last 5 years.	1.5
	Sub Total	**10**

Table B- Technical Evaluation (1st Stage–Technical Evaluation of the Proposal)

II	**Adequacy of the proposed work plan and methodology in responding to the TOR**	
a)	Methodology	10
b)	Work plan and Innovative solutions for speedy project completion	10
c)	Organization chart and Manning Schedule	5
	Sub Total	**25**

Table -C: The number of points to be given for qualifications and competence of the key professional staff for the assignment.

Description	Points
(i) General qualifications	20
(ii) Length of Experience and Positions held.	35
(iii) Experience in region & language	10
TOTAL POINTS	**65**

Table D – Weightage of Points for Qualification and Experience of Key Personnel likely to be deployed

SL No.	Staff	Min Qualification in respective field	Experience in years	Nos.

1	Team Leader	BE- Civil and PG in Civil Engineering	15	1
2	Resident Engineer	BE- Civil Engineer	15	1
3	Process & Hydraulics Engineer	BE-Environmental Engineer	10	1
4	Structural Engineer	BE- Civil and PG in Structural	10	1
5	Electrical Engineer	BE- Electrical	10	1
6	Mechanical Engineer	BE- Mechanical	10	1
7	Instrumentation Engineer	BE- Instrumentation	10	1

8	Site Engineer-civil	BE- Civil	5	3
9	Site Engineer-mechanical	BE- Mechanical	5	1
10	Ste Engineer-Electrical & Instrumentation	BE –Electrical	5	1
11	Safety Engineer	BE- Mechanical/civil	5	1
12	QA/QC Engineer	BE- civil	5	1
	TOTAL			

* Qualifications and competence of the key professional staff.

The minimum technical score required to pass is: 75 Points

Quality-Cost Ratio: 80: 20. (Weight age for technical proposal evaluation is 80% and that for financial proposal is 20%)

Consultant's Organizational Set Up:

It is mandatory that the consultants provide adequate numbers of key personnel as given in TOR.

The BWSSB reserves the right to effect minor changes in the sub criteria depending on nature and scope of each sub-project.

SCHEDULE OF PAYMENT

1. The Consultants shall quote the price bid in the formats given. The quoted rate should include all cost like remuneration of experts and supporting staff, out of pocket expenses, profit, including all taxes at the rates applicable on date of submission of tender.

1. Construction Supervision, Inspection of Materials, and Review of Contractor's designs/ drawings

For 4 STP's

- Jakkur 10 MLD with ISPS & Pumping Main - 30%
- Anjanapura1 with 5 MLD ,TSPS, ISPS & Pumping Main - 20%
- Byrathikane 13 MLD with TSPS, ISPS & Pumping Main - 30%
- Anjanapura 2/ Kommagatta (Proposed) with 10 MLD with TSPS - 20%

Breakup of Activities

Item No.	Particulars	Percentage to be released of total amount
1	Review of Contractor's designs and drawings, Inspection of electro-mechanical equipments, execution, supervision, commissioning, FAT/SAT test, issue of commissioned certificate.	45%
2	Construction, supervision of all works/ Laying of Pipeline Supervision and Monitoring of all the facilities stated in TOR.	55%
	Total	**100% of Contract price**

Item-1- Review of Contractor's designs and drawings: 45% of Contract price

Sl.No.	Particulars	Percentage to be released
1	Review of SBC/plant layout, BEP, Mechanical/Civil General Alignment, construction /structural drawings, electrical layout/design, Instrumentation design with integration to SCADA - 4 No. of STP's stipulated under schedule of payment- 2 under code-A,B,C	**35%**
2	Review of SBC/plant layout, BEP, Mechanical/Civil General Alignment, construction /structural drawings, electrical layout/design, instrumentation design with integration to SCADA - ISPS and TSPS under code-A,B,C	

3	Electromechanical inspection and certification	**10%**
4	FAT/SAT Test	**10%**
5	Supervision of works with monitoring of quality/ safety / Environmental aspects. Issuing Quality/Quantity certificate for RA bills.	**20%**
6	Pumping main work supervision along with procurements and installation.	**10%**
7	Commissioning, As built drawing approval, issue of commissioned certificate.	**10%**
8	Surge analysis verification and approval	**5%**
9	**Total**	**100%**

Note: 1. List of drawings is to be approved to be ascertained.

2. **Based on approval of the drawings part payment will be released.**

Item-2 -Construction Supervision and Monitoring-55% of Contract Price

The payment for construction supervision shall be made proportionately in accordance with the R.A. bills raised by Contractor in the project for actual work done (Financial). The payment shall be made on monthly basis.

INSPECTION OF MATERIALS DURING CONSTRUCTION PERIOD

The payment for inspection of materials and equipment shall be reimbursed by Contractor (Travel, DA and Food) at actual depending on visits and this cost should not be included in quoted price.

FORMAT FOR SUBMISSION OF FIRMS CREDENTIALS

The proposal should contain the following information in enclosed format attached at Appendix A.

- Year of establishment of firm

- Annual turnover in last five financial years

Note: 1. The firm shall submit certificate of incorporation and audited balance sheet for the last five financial (FY 2018-19 to 2022-23).For claiming experience of relevant projects, completion certificate/contract document/letter of award or other evidence from employer should be enclosed. The proposal should also contain the details of the key personnel viz., their name, qualification, expertise area, experience and years of association with the firm.

2. For Anjanapura2/ Kommagatta- Proposed 10 MLS STP, the weightage as kept 20% of contract value, shall be operated only if the works is taken in coming days. If not the scope of that work will be omitted from consultant's scope.

3. All other three works are already awarded and work commenced.

Appendix- A

Firms Credentials

1. Name of the Consultancy Project being

applied for:

2. Year of establishment of firm

3. Office/business address/telephone numbers/cable address

4. Consulting firm's former name and year of establishment

5. Narrative description of firms (Use other sheet, if necessary)

6. Name of, not more than two (2) principals who may be contacted with title and telephone number/fax number

7. Financial Statement of the last five years

Note:

i) The amount will be only through INR

ii) As per the Government order Consultancy service does not attract GST Charges.

iii) Supporting balance sheets/ Profit/loss statement certified by Registered CA shall be enclosed.

UNDERTAKING REGARDING NON-DEBARMENT /BLACKLISTING/ DETAILS OF LITIGATION HISTORY

We hereby undertake to confirm that our firm "----------"has **not** been Debarred/Blacklisted by any Central/State Government Agency or External Aided Lending agency as on the

date of submission of bid. We also hereby undertake to confirm that our services have not been rescinded by any Central Government/ State Government Agency during the currency of a particular project during the past 5 year period. We further undertake to state that we do **not** have any litigation history.

Date: **Signature:_____**

Place: **Full name:**

Designation:
Name of the Firm:
Address:
(Authorized Signatory)

SECTION-4

APPENDIXB.FORMATFORSUBMISSIONOFTECHNICALPROPOSAL

APPENDIXB-1

Technical Proposal Submission Form

From (Name of Firm)	To: (Name and Address of Client)

Sir,

Subject: Project Management Consultancy services for the work of STPs/ISPSs/pumping mains facility under Arkavathi, Anjanapura Further Extension layouts/Kommagatta of BDA, under deposit contribution works.

We, the undersigned, offer to provide the consulting services for the above in accordance with your Request for Proposal dated _____(Date), and our Proposal. We are hereby submitting our Proposal, as per RFP requirements.

If negotiations are held during the period of validity of the Proposal i.e. before (Date) we undertake to negotiate on the basis of the proposed staff. Our Proposal is binding upon us and subject to the modifications resulting from contract negotiations.

We understand you are not bound to accept any Proposal you receive we remain,

Yours sincerely,

Authorized Signature

Name and Title of

Signatory: Name of Firm:

Address:

APPENDIXB-2: FIRM'SREFERENCES

Relevant Services Carried Out in the Last Five Years That Best Illustrate Qualifications

Using the format below, provide information on each reference assignment for which your firm/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

Firm’s Name: _____

Note: For claiming experience of projects undertaken as mentioned in the qualification criteria, copy of proof of experience must be enclosed.

APPENDIXB-3: COMMENTS AND SUGGESTIONS OF CONSULTANTS ON THE TERMS OF REFERENCE AND ON SERVICES AND FACILITIES TO BE PROVIDED BY THE BANGALORE WATER SUPPLY AND SEWERAGE BOARD

On the Terms of Reference: **1.**

2.

3.

4.

On the services and facilities to be provided by Bangalore Water Supply and Sewerage Board:

1
.
2
.
3
.
4
.

APPENDIX B-4: APPROACH PAPER ON METHODOLOGY AND WORKPLAN FOR PERFORMING THE ASSIGNMENT

[Technical approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal divided in to the following three chapters:

a) Technical Approach and
b) Methodology, Work Plan, and

c) Organization and Staffing,

(a) **Technical Approach and Methodology**. In this chapter

you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.

(b) **Work Plan.** In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, should be included here. The work plan should be consistent with the Work Schedule of Form Appendix-B8.

(c) **Organization and Staffing.** In this chapter you should propose the structure and composition of your team. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support staff.]

APPENDIXB-5: COMPOSITION OF THE TEAM PERSONNEL, AND TASK(S) OF EACH TEAM MEMBER

1. Key professional staff and sub professional staff

1			

2. Support Staff

1			

APPENDIXB-6: FORM AT OF CURRICULUM VIT AE(CV) FOR PROPOSED KEY PROFESSIONAL STAFF

Proposed Position:

_____

Name of the firm:

_____

Name of Staff:

_____

Profession:

Date of Birth:

_____

Years with Firm / Entity: _____ Nationality: _____

Membership in Professional Societies:

_____

_____

Detailed Tasks Assigned:

_____

Key Qualifications: _____

(Give an outline of staff member's experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by staff member

on relevant previous assignments and give dates and location. Use about half a page)
Education:_____
(Summarize College / University and other specialized education of staff member, giving names of schools, dates attended, and degrees obtained. Use about one quarter of a page)

Employment Record: _____
(Starting with present position, list in reverse order every employment held. List all positions held by staff members since graduation, giving dates, name of employing organizations, titles of positions held, and locations of assignments. For experience in last ten years, also give types of activities performed and client references. Where appropriate. Use about three-quarters of a page)

Languages:

_____

(for each language indicate proficiency: excellent, good, fair, or poor, in speaking, reading and writing)

Certification:
I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and my experience.

_____ Date: _____

(signature of staff member and authorized representative of the firm) Date / Mon / Year

Full name of staff

Member: _____

Full name of authorized representative of

Firm: _____

APPENDIX B-7: TIME SCHEDULE FOR KEY PROFESSIONAL AND SUB PROFESSIONAL STAFF

APPENDEXB- 8: ACTIVITY (WORKS)SCHEDULE.

SECTION 5. FORMAT FOR SUBMISSION OF FINANCIAL PROPOSAL

Appendix C-1Financial Proposal Submission Form

Appendix C-2Price Bid (E-Procurement Portal submission)

Appendix C-3: Summary of costs

Appendix C-4: Detailed breakup of costs (Breakup for the summary price quoted under Appendix C-3)

APPENDIXC-1: FINANCIAL PROPOSAL SUBMISSION FORM:

From (Name of Firm) _____ _____
_____

To:

The Chief Engineer (P), BWSSB,
3rdFloor, Cauvery Bhavan, K G Road,
Bangalore-09.

Subject: Project Management Consultancy Services for the work of STPs/ISPSs/PUMPING mains under Arkavathi, Anjanapura Further Extension Layouts/Kommagatta of BDA, under deposit contribution works.

We, the undersigned, offer to provide the consulting services for the above in accordance with your Request for Proposal dated _____ [Date], and our proposal. Our attached financial proposal is for the sum of _____[Amount in words and figures].

Our financial proposal shall be binding upon subject to the modifications resulting from contract negotiations, up to the expiration of the validity period of the proposal, i.e.,[Date].

Yours sincerely,

Authorized Signature:
Name and title of Signatory:

Note: The financial details/ amount shall not be disclosed, if so the tender will be technically non-responsive.

AppendixC2- FINANCIAL PROPOSAL (Price bid)

Project Management Consultancy Services for the work of STPs/ISPSs/PUMPING mains under Arkavathi, Anjanapura Further Extension Layouts/Kommagatta of BDA, under deposit		

Important Note: The firms indicating financial price in the Technical proposal will not be considered for evaluation under any circumstances, financial price should be indicated only in the financial Proposal.

APPENDIXC3: SUMMARY OF COSTS

SECTION-6

Terms of Reference (ToR)

1. Background

As per the request of BDA it is proposed to provide the water supply and sewerage facilities to Arkavathi layout and UGD facilities to Anjanapura further extension.

Arkavathi Layout- The work of providing and laying of laterals and sub-mains to Arkavathi layout is under progress covering around 16 villages.

- To cater the sewage of 3 villages namely Jakkur, Sampigehalli and Venkateshpura, a 10 MLD capacity STP at Jakkur with 7 MLD ISPS, 3MLD TSPS and pumping main is proposed.
- To cater the sewage of balance villages of Arkavathi layout a STP of 13 MLD capacity with 4 MLD ISPS, 13 MLD TSPS and pumping main is proposed in Byrathi kanne.

Anjanapura Further extension- This layout consists of 9^{th}-12^{th} block. Hence to cater the sewage generated from Anjanapura further extension area and part of J.P Nagar BDA layout and surrounding villages Gollahalli & Kembathahalli a 5 MLD STP with 13 MLD TSPS and 2 MLD ISPS is proposed.

As the residents of above layouts are urging to provide the basic facilities by approaching Honb'le Court and to avoid the entry of sewage into lakes, the above works are already awarded.

Further, to treat the sewage generated in Anjanapura further extension completely, a 10 MLD capacity STP at Anajanapura Further extension and one 10 MLD STP at Kommagatta lake upstream are proposed and awaiting for the allotment of land from BDA, which ever STP's takes place earlier, same has to be considered part of scope. If both STP's are to be executed, the same

agency has to execute the PMC work with additional cost of Rs. 60 Lakh with addition manpower and time frame. The said work will be taken up only after allotment of land.

2.0 OBJECTIVES OF THIS ASSIGNMENT

1. Under this PMC Consultants has to provide consultancy services for following facilities

   For 4 STP's

   - Jakkur 10 MLD with ISPS & Pumping Main - 30%
   - Anjanapura-1, 5 MLD with TSPS, ISPS & Pumping Main - 20%
   - Byrathikane 13 MLD with TSPS, ISPS & Pumping Main - 30%
   - Anjanapura -2, 10 MLD with TSPS/ Kommagatta - 20%

2. Analyze, design the construction drawings (Civil, Electrical, Mechanical and Instrumentation) for all aspects of the STP Pipeline works,

TSPS,ISPS& allied works furnished by the contractor and offer comments and to recommend BWSSB to approve for execution.

- On review of survey drawings and issue of GFC drawings with respect to Sewer network Approximately 130Km
- On review of survey drawings and issue of GFC drawings with respect to UGD network.
- Analyse the Geo Technical Investigation carried out by contractors based on that preparing Civil GA, Mechanical GA and issue of Structural drawing & submission of design and Civil/Electromechanical STP, TSPS, ISPS design and drawing, Pump capacity and complete for all STP's.
- Issue of Structural drawing, Thrust Block, Chambers, Manhole details also site related special drawing like Trenchless, Drain Crossing, Culvert cross, etc., in UGD and network
- Pumping main design & Verification and approval of drawing
- Surge analysis verification and approval
- As built drawing approval

3. On Review of Topographical Survey, Geotechnical Survey, HFD, BEP, P&ID, Process documents submitted by Turnkey contractor and to approve the drawing under C, B, A Codes as per tender specifications.
4. Review the QAP, Datasheet for all Mechanical Electrical and Instrumentation items required for STP/ ISPS / Pumping Main and its approval.
5. Review Mechanical GA, Civil GA, Structural drawings and other documents, good for construction drawings and its approval.
6. Review of Electrical, Instrumentation and SCADA related drawings and its

approval.

7. Supervise the entire scope of work with respect to QA /QC and issue Quality Certificates and Measurement Certificates based on specifications of work.
8. Review of as built drawing and approval of the same.
9. Issue of FAT / SAT Certificates based on inspections.
10. Attending all third party inspections required to be procured by Employer along with its Representative and to issue Dispatch Clearance. [Charges towards inspection shall be borne by the contractor as per tender conditions]
11. Assisting Employer / Engineers with respect to all day to day issues related to Technical matter and prepare Minutes of Meeting, Monthly Progress Report, Completion Report during Execution time and Extended period of Contract [1 year form the date of completion]
12. Not limiting the scope, any other Technical advices required for the Employer / Engineer during the Project Execution period.
13. Assist the Employer and Engineer in carrying out construction supervision, progress monitoring, quality control, testing, test check of invoices, resolution of claim, change in design, and taking over, and safety management of the work.
14. Inspect mechanical and electrical equipment at manufacturers works as and when required and submit an acceptance/rejection report for considerations of BWSSB engineers who will also witness such equipment inspection along with consultant’s inspection engineer(s).
15. Prepare project schedule and render necessary assistance to BWSSB in monitoring the project.
16. The consultant should ensure time bound completion of the works strictly as per the specifications laid down in the tender documents. They will also be responsible and assist the BWSSB Engineers for other project management related activities.

3.0 SCOPE OF WORK

A. REVIEW OF DETAILED DESIGN AND DRAWINGS

- The consultant shall review proof check and furnish comments / advices / recommendations on the acceptability of detailed designs, drawings, data sheets, vender data, including all documents / data / design to be furnished by the contractor of the work at the time of construction / manufacture, erection, commissioning, testing of the works, till takeover of the works by BWSSB in accordance with the conditions of contract applicable. The consultant shall continue to perform this activity till all the designs, drawings, furnished by the contractor are approved as good for construction by the BWSSB on the recommendations of the consultants. Review the design prepared by the contractor including the following:

  - Process, hydraulic, plant layout, P&ID, mechanical and electrical, instrumentation and control systems, equipment design, hydraulic flow diagram and plant.
  - Civil and Structural designs with reference to BIS and other codes applicable
  - Equipment vendor design / drawings / data for all mechanical, electrical equipments instruments and systems
  - Final civil/structural drawings and general assembly drawings for all works

B. PROJECT MANAGEMENT AND CONSTRUCTION SUPERVISION

1. Scrutinize construction methods proposed by contractor including environmental and safety issues.
2. Monitor the construction methods by assessing the adequacy of the contractor's input materials, labour, equipment and construction methods;
3. Supervise and Monitor laying of pipeline work and every stage of Works as per the schedule.
4. Supervise construction works from start to finish by using the modern methods of control. Verify the setting out of the works done by the contractors and ensure that it is as per drawings and designs. Ensure that the works adhere to the levels, alignment and dimensions specified in the approved drawings and designs.
5. Establish Quality assurance system including verification of source of all the material and certification;
6. Supervise the works to ensure conformance of construction works and materials to relevant IS standards/ Bid specifications/Designs/drawings. Approve materials and quality of works based on test results produced by the works Contractor, factory inspection, site testing etc. (Quality control)
7. Factory Inspection of equipment under the project.
8. Monitor and achieve progress with reference to pre-fixed targets drawn up jointly with the Contractors and furnish monthly progress reports in the formats as decided in consultation with the BWSSB.

9. Inspect and certify that the works are completed according to the specifications on final completion before final settlement of bills.
10. Prepare completion of work report for all the works.
11. Obtain As-built drawings for all the works from the contractor, verify the correctness and furnish to the BWSSB. Obtain O&M manual from the contractor after completion and before commissioning the scheme.

1. Prepare monthly project progress reports describing the physical and financial progress of the work, highlighting impediments to the quality and progress of the works and remedial actions, for submission to the Client.
2. In case of dispute, arbitration arising during the PMC services consultants will assist the BWSSB.

4.0 DELIVERABLES

Monthly Physical and Financial Progress Reports - Describing works and services performed focusing on the designs, contractors' progress and performance, quality of works, financial status and projections highlighting issues encountered and possible remedies during the reporting month and scheduled activities to be submitted within a week of the end of the reporting period, i.e. last day of every month of beginning of supervision phase;

a. Quarterly Progress Reports and Annual Reports - Describing in detail the implementation progress of all project components with issues highlighted to be within a week of the end of the reporting period i.e. every quarter and end of year;

b. Contract Completion Reports –Draft completion report and Final Completion Report

c. Project Completion Reports

d. Periodic Statement of expenditure

e. Any other reports as per the contract and as required by the BWSSB.

5.0 Time line

Work execution 30 months from the date of commencement of works by the contractor. Under which following schedule shall be followed by consultant.

1.	Approval of all drawings:	0 to 18 Months
2.	Inspection of equipments:	0 to 30 Months
3.	Supervision of works:	0 to 40 Months

Note: For extended period of 10 months beyond contract shall be supervised by consultant by deputing the man months in optimal way.

4. Commissioning and taking over: 20 to 40 Months

Note: No extra charges will be paid for extended period to consultant for extra 10 months beyond the contract period.

6.0 Payments:

The fee quoted for the Project Management will be paid as follows:

Construction Supervision, Inspection of Materials, and Review of Contractor's designs/ drawings

Breakup of Activities

Item No.	**Particulars**	**Percentage to be released of total amount**
1	Review of Contractor's designs and	45%

	drawings, Inspection of electro-mechanical equipments, execution, supervision, commissioning, FAT/SAT test, issue of commissioned certificate.	
2	Construction, supervision of all works/ Laying of Pipeline Supervision and Monitoring of all the facilities stated in TOR.	55%
	Total	**100% of Contract price**

Item-1- Review of Contractor's designs and drawings: 45% of Contract price

Sl.No.	Particulars	Percentage to be released
1	Review of SBC/plant layout, BEP, Mechanical/Civil General Alignment, construction /structural drawings, electrical layout/design, Instrumentation design with integration to SCADA - 4 No. of STP's stipulated under schedule of payment- 2 under code-A,B,C	**35%**
2	Review of SBC/plant layout, BEP, Mechanical/Civil General Alignment, construction /structural drawings, electrical layout/design, instrumentation design with integration to SCADA - ISPS and TSPS under code-A,B,C	
3	Electromechanical inspection and certification	**10%**

4	FAT/SAT Test	**10%**
5	Supervision of works with monitoring of quality/ safety / Environmental aspects. Issuing Quality/Quantity certificate for RA bills.	**20%**
6	Pumping main work supervision along with procurements and installation.	**10%**
7	Commissioning, As built drawing approval, issue of commissioned certificate.	**10%**
8	Surge analysis verification and approval	**5%**
9	**Total**	**100%**

Item-2 -Construction Supervision and Monitoring-55% of Contract Price

The payment for construction supervision and monitoring shall be made proportionately in accordance with the R.A. bills raised by Contractor in the project for actual work done (Financial). Based on the executed cost in the particular period, consultancy fee for the payment shall be worked out in accordance with the approved consultancy fee. (In %) shall be paid. The payment shall be made on monthly basis.

Inspection of materials during construction period

The payment for inspection of materials and equipment shall be reimbursed by contractor (Travel, DA & TA, food) at actual depending on visits and this cost should not be included in quoted price.

8.0 Conditions

i. The PMC firm shall also include a minimum necessary office and support staff. The support staff may be asked to be withdrawn with due prior notice in case of stoppage of work for short duration for reasons beyond control. The PMC shall replace any staff on instruction by Client for poor performance etc.,

ii. The consultant has to quote a lump sum amount for completion of all the tasks

iii. Depending upon the level of supervision required during various phases of implementation, the client shall request the consultant to modify the staffing plan. In such case, the consultant shall change the staffing schedule without any financial liability to the Board.

iv. Due to any reason whatsoever beyond the control of the client, if the work is stopped for more than 30 days, the consultant may demobilize the team with prior intimation to the client and mobilize the team / key personnel / support staff within 15 days upon request by the client to resume the work.

v. Due to any reason what so ever beyond the control of client, if the work extend beyond 30 months based on the situation, BWSSB may take appropriate action in this regard and Consultants shall not claim extra financial implication up to next 12 months.

vi. Due to stoppage of work at any stage, BWSSB may ask consultant to demobilize the Consultant with 15 days notice and there shall not be any financial implication to Board from the Consultants due to this.

9.0 The Qualification and Experience Required for Key Staff

SL No.	Staff	Min Qualification in respective field	Experience in years	Nos.
1	Team Leader	BE- Civil and PG in Civil Engineering	15	1
2	Resident Engineer	BE- Civil Engineer	15	1

3	Process & Hydraulics Engineer	BE-Environmental Engineer	10	1
4	Structural Engineer	BE- Civil and PG in Structural	10	1
5	Electrical Engineer	BE- Electrical	10	1
6	Mechanical Engineer	BE- Mechanical	10	1
7	Instrumentation Engineer	BE- Instrumentation	10	1
8	Site Engineer-civil	BE- Civil	5	3

9	Site Engineer-mechanical	BE- Mechanical	5	1
10	Ste Engineer-Electrical & Instrumentation	BE –Electrical	5	1
11	Safety Engineer	BE- Mechanical/civil	5	1
12	QA/QC Engineer	BE- civil	5	1
	TOTAL			14

Note:

1. Only Personnel mentioned in Key Professional Staff will be considered for evaluation in Technical Proposal.

2. For the position of Team leader, Resident Engineer, Hydraulics Engineer & Structural Engineer the Permanent staff will be considered those employed with the firm for at least 6 months and above.

For rest of the positions the staff will be considered those employed with the firm for at least 3 months and above.

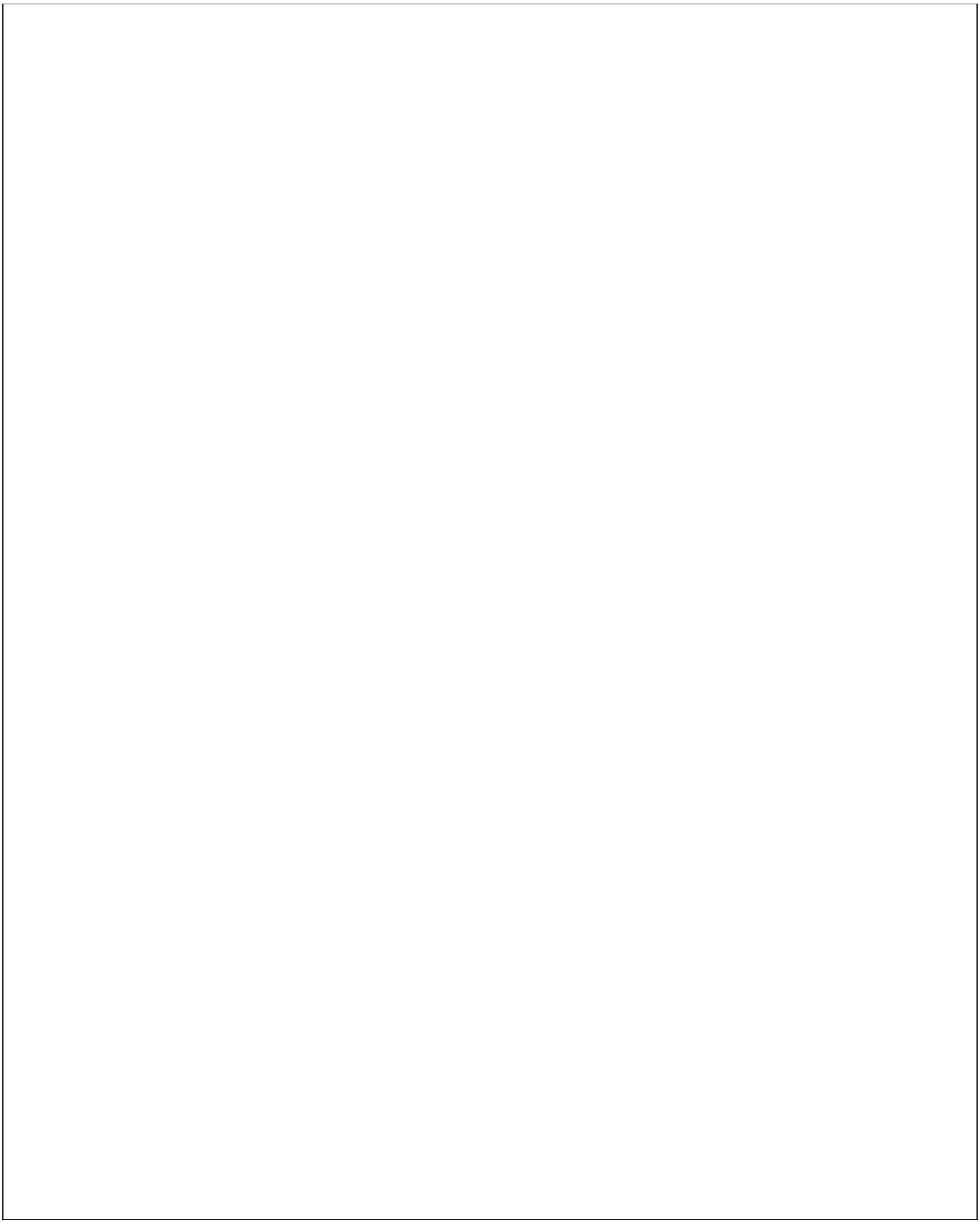
3. Sub professional staff CV's need not to be submitted.
4. **The number of input for Key professional staff i**ndicated in the above table is the minimum required and the consultants are free to propose any additional experts or man months to meet the objectives of this consultancy assignment. The consultants are free to propose support staff and/or key experts to fulfill the scope of work and, but covering the minimum staff inputs specified in the RFP.

5. Administrative staff personnel (as per Consultant requirement) are also not evaluated in Technical Proposal. But the financials of these positions are not considered in Financial Proposal.

6. Maximum age limit for all key professional experts is 65years.

7. The experiences of key professional experts are preferred to be in Sewerage/ Pumping mains/ TSPS/ ISPS related Projects.
8. Approximately **20 Sqmt of office space** will be provided by BWSSB with minimum furniture at Suvarna Bhavan, Malleswaram Bangalore.

9. No Mobilization payment is admissible under the PMC.
10. Once immediately after Agreement Key Professional staffs CV's shall be submitted for approval and for immediate Mobilization of the same.



INDEX

I. FORM OF CONTRACT

Lump Sum Remuneration

This CONTRACT (hereinafter called the "Contract") is made on the_____day of the month of_____, 2022, between, on the one hand, (herein after called the "Client") and, on the other hand,_____

(hereinafter call the "Consultants").[* Note: If the consultants consist of more than one entity in case of an Association, the above should be suitably amended].

WHEREAS:

(d) The Client has requested the Consultants to provide certain consulting services as defined in the General Conditions of Contract attached to this Contract (hereinafter called the "Services");

(e) The Consultants, having represented to the Client that they have the required professionalskills,andpersonnelandtechnicalresources,haveagreedt o provide the Services on the terms and conditions set forth in this contract ;

(f) The Client has received [or has applied for] funds from the GOK and funding agencies towards the cost of the Services and intends to apply a portion of the proceeds of this fund to eligible payments under this contract.

NOW THEREFORE the parties hereto hereby agree as follows:

5. The following documents attached hereto shall be deemed to form an integral part of this contract:

(a) The General Conditions of Contract (herein after called "GC");
(b) The Special Conditions of Contract (hereinafter called "SC");
(c) The following

Appendices:

[Note: If any of these appendices are not used, the words "Not Used" should be inserted below next to the title of the Appendix on the sheet attached hereto carrying the title of that Appendix]

Appendix- A: Description of the Services_____ Appendix- B: Reporting Requirements _____ Appendix- C: Key Personnel and Sub-consultants_____ Appendix- D: Services and Facilities Provided by Client_____ Appendix- E: Form of Guarantee for Performance Security ____ _____

6. The mutual rights and obligations of the Client and the Consultants shall be as set forth in the Contract, in particular:

(a) The Consultants shall carry out the Services in accordance with the provisions of the contract; and

(b) The Client shall make payments to the Consultants in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this contract to be signed in their respective names as of the day and year first above written.

FOR AND ON BEHALF OF [NAME OF CLIENT]

By
(Authorized Representative)

FOR AND ON BEHALF OF [NAME OF CONSULTANT]

By
(Authorized Representative)

II. GENERAL CONDITIONS OF CONTRACT

1 GENERAL PROVISIONS:

1.1 Definitions:

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings;

(a) "Applicable Law" means the laws and any other instruments having the force of law in the Karnataka as they may be issued and in force from time to time;

(b) "Contract" means the Contract signed by the Parties, to which these General Conditions of Contract (GC) are attached, together with all the documents listed in Clause 1 of such signed Contract;

(c) "Contract Price" means the price to be paid for the performance of the Services, in accordance with Clause-6;

(d) "Foreign Currency" means any currency other than the Indian currency; "GC" means these General Conditions of Contract;

(e)

(f) "Government" means the Government of Karnataka and Government of India;

(g) "Local currency" means the Indian Rupees.

(h) "Member", in case the Consultants consist of a joint venture of more than one entity, means any of these entities, and "Members" means all of these entities; "Member in charge" means the entity specified in the SC to action their behalf in exercising all the Consultant's rights and obligations towards the Client under this contract;

(i) "Party" means the Client or the Consultants, as the case maybe, and Parties means both of them;

(j) "Personnel"meanspersonshiredbytheconsultantsorbyanySub-consultantasemployeesandassignedtotheperformanceofthe Services or any part thereof;

(k) "SC" means the Special Conditions of Contract by which these General Conditions of Contract may be amended or supplemented;

(l) "Services" means the work to be performed by the Consultants pursuant to this Contract as described in Appendix-A; and

(m) "Sub-consultant" means any entity to which the Consultants subcontract any part of the Services in accordance with the provisions of Clauses 3.5 and 4.

(n) Nothing contained herein shall be construed as establishing a relation of master and servant or of principal and agent as between the Employer and the Consultants. The Consultants, subject to this contract, have complete charge of personal and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf

hereunder.

1.2 Law Governing the Contract:

This contract, its meaning and interpretation, and the relation between the parties shall be governed by the Applicable Law.

1.3 Language:

This Contract has been executed in the language specified in the SC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this contract.

Headings:

The headings shall not limit, alter or affect the meaning of this Contract. 1.4 Notices;

1.4.1. Any notice, request or consent made pursuant to this contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the party to whom the communication is addressed, or when sent by registered mail, telex, telegram or facsimile to such party at the address specified in the SC.

1.4.2. Notices will be deemed to be effective as specified in the SC.

1.4.3. A Party may change its address for notice hereunder by giving the other party notice of such change pursuant to the provisions listed in the SC with respect to Clause GC 1.4.2.

1.5 Location:

TheServicesshallbeperformedatsuchlocationsasarespecifiedin Appendix-Aand,where the location of a particular task is not so specified, at such locations, whether in the jurisdiction of(NI&NW)or elsewhere, as the client may approve.

1.6 Authorized Representatives:

Any action required or permitted to be taken, and any document

required or permitted to be executed, under this contract by the Client or the Consultants may be taken or executed by the officials specified in the SC.

1.7 Taxes and Duties:

Unless otherwise specified in the SC, the Consultants, sub-consultants and their personnel shall pay such taxes, duties, fees and other impositions as may be levied under the applicable law, the amount of which is deemed to have been included in the Contract Price.

2. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT.

2.1 Effectiveness of Contract:

This Contract shall come into effect on the date the Contract is signed by both Parties and such other later date as may be stated in the SC.

2.1.1 Termination of Contract for Failure to Become Effective If this contract has not become effective within such time period after the date of the contract signed by the Parties as shall be specified in the SC, either Party may, by not less than four (4) weeks' written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither party shall have any claim against the other Party with respect hereto.

2.2 Commencement of Services:

The consultants shall begin carrying out the Services within ten (10)days after the date the Contract becomes effective, or at such other date as may be specified in the SC.

2.3 Expiration of Contract:

Unless terminated earlier pursuant toClause2.6,this contract shall terminate at the end of such time period after the Effective Date as is

specified in the SC.

2.3.1 Entire Agreement:

This contract contains all covenants, stipulations and provisions agreed by the parties. No agent or representative of either Party has authority to make, and the parties shall not be bound or be liable for, any statement, representation, promise or agreement not set forth herein.

2.4 Modification:

Modification of the terms and conditions of this Contract, including any modification of the scope of the Services or of the Contract Price, may only be made by written agreement between the parties and shall not be effective until the consent of the competent authority is obtain.

2.5 Definition;

For the purposes of this contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

2.5.2 No Breach of Contract:

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this contract, and(b) has informed the other Party as soon as possible about the occurrence of such an event.

2.5.3 Measures to be taken

(a) A Party affected by an event of Force Majeure shall take all reasonable measures to remove such Party's inability to fulfill its obligations hereunder with a minimum of delay.

(b) A party affected by an event of Force Majeure shall notify the other party of such event as soon as possible, and in any event not later than fourteen (14) days falling the occurrence and such events, providing evidence of the nature and cause of such event, and shall similarly give notice of the restoration of normal conditions as soon as possible.

(c) The parties shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

2.5.4 Extension of Time:

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

2.5.5 Consultation:

Not later than thirty(30) days after the Consultants, as the result of an event of Force Majeure, have become unable to perform a material portion of the Services, the Parties shall consult with each other with a view to agreeing on appropriate measures to be taken in the circumstances.

2.5.6 Suspension:

The Employer may, by written notice of suspension to the Consultants, suspend all payments to the Consultants here under if the Consultants fail to perform any of their obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension(i) shall specify the nature of the failure, and (ii)shall request the Consultants to remedy such failure within a period not exceeding thirty(30) days after receipt by the Consultants of such notice of suspension.

2.6 Termination:

2.6.1 By the Client:

The Client may terminate this Contract, by not less than thirty(30) day's written notice of termination to the Consultants, to be given after the occurrence of any of the events specified in paragraphs (a) through(d) of this Clause2.9.1andsixty (60) days' in the case of the event referred to in(e):

(a) If the Consultants do not remedy a failure in the performance of their obligations under the Contract, within thirty (30) days of receipt after being notified or within such further period as the Client may have subsequently approved in writing ;

(b) If the Consultants become (of, if the Consultants consist of more than one entity, if any of their members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;

(c) if the Consultants fail to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GC.8

(d) if the Consultants submit to the Employer a statement which has a material effects on the rights, obligations or interests of the Employer and which the Consultants know to be false.

(e) If, as the result of Force Majeure, the Consultants are unable to perform a material portion of the Services for a period of not less than sixty (60) days; or

(f) If the Employer, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.

(a) If the consultant, in the judgment of the Client has engaged incorrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the selection process or in contract execution.

"Fraudulent practice" means a misrepresentation of facts in order to influence a selection process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among consultant (Prior to or after submission of proposals) designed to establish prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

2.6.2 By the Consultants:

The Consultants may terminate this contract, by not less than thirty (30) days written notice to the Client, such notice to be given after the occurrence of any of the events specified in paragraphs (a) and (b)of this clause 2.9.2.

(a) If the Client fails to pay any monies due to the Consultants pursuant to this Contract and not subject to dispute pursuant to Clause- 7 hereof within forty five(45) days after receiving written notice from the Consultants that such payment is overdue; or

(b) if the Employer is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty five (45)

days (or such longer period as the Consultants may have subsequently approved in writing) following the receipt by the Employer of the Consultants notice specifying such breach;

(c) If, as the result of Force Majeure, the Consultants are unable to perform a material portion of the Services for a period of not less than sixty(60) days, or.

(d) if the Employer fails to comply with any final decision reached as a result of arbitration pursuant to Clause GC.8hereof.

2.6.3 Cessation of Rights and Obligations

Upon termination of this contract pursuant to Clause GC2.1.1 or GC2.6 hereof, or upon expiration of this contract pursuant to Clause GC2.3 hereof, all rights and obligations of the Parties here under shall cease, except;

(i) Such rights and obligations as may have accrued on the date of termination or expiration.

(ii) The obligations of confidentiality set forth in Clause GC 3.3 hereof;

(iii) The Consultants' obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GC 3.4.1 hereof; and

(iv)Any right which a Party may have under the Applicable Law. 2.6.4Cessation of Services

2.6.4 Upon termination of this Contract by notice of either Party to the other pursuant to Clause GC2.6.1 or GC2.6.2. here of, the Consultants shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultants and equipment and materials furnished by the Employer, the Consultants shall proceed as provided, respectively, by Clauses GC3.7 or GC3.10 hereof.

2.6.5 Payment upon Termination;

Upon termination of this Contract pursuant to Clause2.6.1or2.6.2,the Client shall make the following payments to the Consultants;

a) (a) Remuneration pursuant to Clause 6 for services satisfactorily performed prior to the effective date of termination;

b) (b) Reimbursable expenditures pursuant to Clause GC6 here of for expenditures actually incurred prior to the effective date of termination, and

c) (c) Except in the case of termination, pursuant to paragraphs (a) and (d) Clause 2.9.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract.

2.6.6 Disputes about Events of Termination

If either, party disputes whether an event specified in paragraphs (a) through (c) of Clause GC2.6.1 or in Clause GC2.6.2. here of has occurred, such Party may, within forty-five(45) days after receipt of notice of termination from the other Party, refer them after to dispute settlement pursuant to Clause GC8 hereof.

3 OBLIGATIONS OF THE CONSULANTS:

3.1 General:

3.1.1 Standard of performance

The Consultants shall perform the Services and carry out their obligations here under with all due diligence, efficiency and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe methods. The Consultants shall always act, in respect of any matter relating to this contract or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with sub-consultants or third parties.

3.1.2 Law Governing Services:

The Consultants shall perform the Services in accordance with the Applicable Law and shall take all practicable steps to ensure that any Sub-consultants, as well as the personnel of the Consultants and any Sub-consultants, comply with the Applicable Law.

3.2 Conflict of Interests:

3.2.1 Consultants Not to Benefit from Commissions, Discounts, etc.

The remuneration of the Consultants pursuant to Clause 6 shall constitute the Consultant's sole remuneration in connection with this Contractor the Services, and the Consultants shall not accept for their own benefit any trade commission, discount or similar payment in connection with activities pursuant to this contract or to the Services or in the discharge of their obligations under the Contract, and the Consultants shall use their best efforts to ensure that the Personnel, any Sub-consultants, and agents of either of them, similarly shall not receive any such additional remuneration.

3.2.2 Consultants and Affiliates Not to Be Otherwise Interested in Project:

The Consultants agree that, during the term of this contract and after its termination, the Consultants and their affiliates, as well as any sub-consultant and any of its affiliates, shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

3.2.3 Prohibition of Conflicting Activities:

Neither the Consultants nor their Sub-consultants nor the Personnel shall engage, either directly or indirectly, in any of the following activities.

(a) During the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this contract ; or

(b) After the termination of this contract, such other activities as may be specified in the SC.

3.3 Confidentiality:

The Consultants, their Sub-consultants, and the Personnel of either of them shall not, either during the term or within two (2) years after the expiration of this Contract, disclose any proprietary or confidential

information relating to the Project, the Services, this Contract, or the Client's business or operations without the prior written consent of the Client.

3.3.1 Liability of the Consultants

Subject to additional provisions, if any, set forth in the SC, the Consultants' liability under this Contract shall be as provided by the Applicable Law.

3.4 Insurance to be taken out by the Consultants:

The Consultants(a) shall take out and maintain, and shall cause any Sub-Consultants to take out and maintain, at their (or the Sub-Consultant's, as the case may be) own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage, as shall be specified in the SC; and (b) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums have been paid.

3.4.1 Accounting, Inspection and Auditing

The Consultants (i) shall keep accurate and systematic accounts and records in respect of the Services, here under, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify all relevant time charges and cost, and the bases thereof (including such bases as may be specifically referred in the SC), (ii) shall permit the Employer or its designated representative periodically, and up to one year from the expiration or termination of this Contract, to inspect the same and make copies thereof as well as to have them audited by auditors appointed by the Employer.

3.5 Consultant's Actions Requiring Client's Prior Approval:

The Consultants shall obtain the Client's prior approval in writing before taking any of the following actions;

(a) Appointing such members of the Personnel not listed by name in Appendix C ("Key Personnel and Sub-Consultants"), and

(b) Any other action that may be specified in the SC. 3.6 Reporting obligations:

The consultants shall submit to the Client the reports and documents specified in Appendix B in the form, in the numbers, and within the periods set forth in the said Appendix.

3.7 Documents Prepared by the consultants to be the Property of the Client:

All plans, drawings, specifications, designs, reports and other documents and software submitted by the Consultants in accordance with Clause 3.4.1 shall become and remain the property of the Client, and the Consultants shall, not later than upon termination or expiration of this Contract, deliver all such documents and software to the Client, together with a detailed inventory thereof. The Consultants may retain a copy of such documents and software. Restrictions about the future use of these Documents, if any, shall be specified in the SC.

4 CONSULTANTS' PERSONNEL:

General

The Consultants shall employ and provide such qualified and experienced personnel and sub-consultants as are required to carry out the Services.

4.1 Description of Personnel:

a) (a) The titles, agreed job descriptions, minimum qualifications and estimated period of engagement in the carrying out of the Services of the Consultants' Key Personnel are described in Appendix C. If any of the Key Personnel has already been approved by the Employer his/her name is listed as well.

b) (b) If required to comply with the provisions of clause GCC 3.1.1.hereof, adjustments with respect to the estimated periods of engagement of Key Personnel set forth in Appendix C may be made by the Consultants by written notice to the Employer, provided (i)that such adjustments shall not alter the originally estimated period of engagement of any individual by more than 20% and(ii)that the aggregate of such adjustments shall not cause payments under this contract to exceed the ceilings set for thin ClauseGC6.1.(b) of this contract. Any other such adjustments shall not be made without the Employer's written approval.

c) (c) If additional work is required beyond the scope of the Services specified in Appendix A, the estimated periods of engagement of Key Personnel set forth in Appendix C may be increased by agreement in writing between the Employer and the Consultants, provided that any such increase shall not, except as otherwise agreed, cause payments under this Contract to exceed the ceilings set forth in Clause GC 6.1 (b) of this Contract.

4.1.1 Approval of personnel

The Key Personnel and sub-consultants listed by title as well as by name in Appendix C as hereby approved by the Employer. In respect of other Key Personnel which the Consultants propose to use in carrying out the Services, the Consultants shall submit to the employer for review and approval a copy of their biographical data and (in the case of Key personnel to be used within the country of the Government).If the Employer does not object in writing (stating the reasons of the objection) within twenty-one (21) calendar days from the date of receipt of such biographical data and (if applicable) such certificate, such key personnel shall be deemed to have been approved by the Employer.

4.1.2 Working Hours, Overtime, leave etc.

(a) Working hours and holidays for key personnel are set forth in Appendix C hereto. To account for travel time, foreign personnel carrying out Services inside India shall be deemed to have commenced (or finished) work in respect of the Services such number of days before their arrival(or after their departure from).

(b) The key personnel shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave except as specified in Appendix C here to, and except as specified in such Appendix, the Consultants remuneration shall be deemed to cover these items. All leave to be allowed to the Personnel is included in the staff-months of service set forth in Appendix C. Any taking of leave by personnel shall be subject to the prior approval by the Consultants who shall ensure that absence for leave purposes will not delay the progress and adequate supervision of the Services.

4.2 Removal and /or Replacement of Personnel:

(a) Except as the Client may otherwise agree, no changes shall be

made in the Key Personnel. If, for any reason beyond the reasonable control of the Consultants, it becomes necessary to replace any of the Key Personnel, the consultants shall forth with provide as a replacement a person of equivalent or better qualifications.

(b) If the Employer finds that any of the Personnel have (i) committed serious misconduct or has been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the personnel, then the Consultants shall, at the Employer's written request specifying the grounds therefore, forthwith provide as a replacement a person with qualifications and experience acceptable to the Employer.

(c) Any of the personnel provided as a replacement under Clauses(a)and (b) above, the rate of remuneration applicable to such person as well as any reimbursable expenditure (including expenditures due to the number of eligible dependents) the consultants may wish to claim as a result of such replacement,

shall be subject to the prior written approval by the Employer. Except as the Employer may otherwise agree,(i) the Consultants shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and(ii) there numeration to be paid for any of the personnel provided as a replacement shall not exceed the remuneration which would have been payable to the personnel replaced.

4.2.1 Resident Project Manager.

If required by the SC, the Consultants shall ensure that all times during the Consultants' performance of the Services in India a resident project manager, acceptable to the Employer, shall take charge of the performance of such Services.

5 OBLIGATIONS OF THE EMPLOYER:

5.1 Assistance and Exemptions: Unless otherwise specified in the SC, the Employer shall use its best efforts to ensure that the CE (P) shall:

(a) Assist the consultants, sub-consultants and personnel with such documents as shall be necessary to enable the consultants, sub-consultants or personnel to perform the services.

(b) Assist for the personnel and, if appropriate, their eligible dependents to be provided promptly with all necessary entry documents required for their stay in India.

(c) Issue to officials, agents and representatives of the **EE (DCW)** all such instructions as may be necessary or appropriate for the prompt and effective implementation of the services.

(d) Assist the consultants and the personnel and any sub-consultants employed by the consultants for the services from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity according to the Applicable Law.

(e) Grant to the consultants, any sub-consultant and the personnel of either of them the privilege, pursuant to the Applicable Law, of bringing into Government's country reasonable amounts of foreign currency for the purpose of the services or for the personnel use of the personnel and their dependents and of withdrawing any such amounts as may be earned herein by the personnel in the execution of the services; and

(f) Provide to the consultants, sub-consultants and personnel any such other assistance as maybe specified in the SC.

5.2 Access to Land:

The Employer warrants that the consultants shall have, free of charge, unimpeded access to all land in the respective GP/ULB’s limit in respect of which access is required for the performance of the services. The Employer will be responsible for any damage to such land or any property thereon resulting from such access and will indemnify the consultants and each of the personnel in respect of liability for any such damage, unless such damage is caused by the default or negligence of the consultants or any sub-consultant or the personnel of either of them.

5.3 Changes in the Applicable Law.

If, after the date of this contract, there is any change in the Applicable Law with respect to taxes and duties which increase or decreases the cost or reimbursable expenses incurred by the consultants in performing the services, then the remuneration and reimbursable expenses otherwise payable to the consultants under this contract shall be increased or decreased accordingly by agreement between the parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Clause GC 6.1.(b).

5.4 Services, Facilities and Property of the Employer

The Employer shall make available to the Consultant and the personnel, for the purposes of the services and free of any charge, the services, facilities and property described in Appendix Eat the times and in the manner specified in said Appendix E, provided that if such services, facilities and property shall not be made available to the consultants as and when so specified, the parties shall agree on (i) any time extension that it may be appropriate to grant to the consultants for the performance of the services, (ii) the manner in which the consultants shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the consultants as a result thereof pursuant to Clause GC 6.1.(c) hereinafter.

5.5 Payment

In consideration of the services performed by the consultants under this contract, the employer shall make to the consultants such payments and in such manner as is provided by Clause GC 6 of this Contract.

5.6 Counterpart Personnel

If so provided in Appendix E hereto, the Employer shall make available to the consultants, as and when provided in such Appendix E, and free of charge, such counterpart personnel to be selected by the Employer, with the Consultants' advice, as shall be specified in such Appendix E. Counterpart personnel shall work under the exclusive direction of the Consultants. If any member of the counterpart personnel fails to perform adequately any work assigned to him by the consultants which is consistent with the position occupied by such member, the consultant may request the replacement of such member, and the employer shall not unreasonably refuse to act upon such request.

6 PAYMENTS TO THE CONSULTANTS:

6.1 Lump Sum Remuneration:

The Consultant's total remuneration shall not exceed the Contract Price and shall be a fixed lump sum paid as per schedule of payment including all staff costs, sub-consultants' costs, printing, communications, travel, accommodation, and the like, and all other costs incurred by the Consultant in carrying out the Services described in Appendix A.

6.2 Deleted

6.3 Contract Price:

(a) The price payable in local currency is set forth in the SC. 6.4 Terms and Conditions of Payment:

Payments will be made to the account of the Consultants and according to the payment schedule stated in the SC.

6.5 Additional payment shall be made to the Consultant for the extended time limit/ original Contract duration. This will be worked out based on the actual expenditure, overheads, social charges and other related expenses for the duration of extended period.

7 FAIRNESS AND GOOD FAITH

7.1 Good Faith

The Parties undertake to act in good faith with respect to each other's rights under this contract and to adopt all reasonable measures to ensure the realization of the objectives of this contract.

8 SETTLEMENT OF DISPUTES: AS PER ARBITRATION PROCEDURE AS SPECIFIED IN THE SPECIAL CONDITIONS OF CONTRACT

III. SPECIAL CONDITIONS OF CONTRACT

Number of Amendments of, and Supplements to, GC Clause* Clauses in the General Conditions of Contract

1.3 The Language is: English
1.4 The Addresses are:

Employer:
BWSSB
Bangalore
Phone No.
Fax:

Consultants : Attention: _____
Telephone: _
_____
_
_____
_

Facsimile :

_____

Special Conditions of Contract

1. Notice will be deemed to be effective as follows:

(a) In the case of personal delivery or registered mail, on delivery,

(b) In the case of facsimiles, 24hours following confirmed transmission 1.2 The Authorized Representatives are:

For the Client: Chief Engineer (P), For the Consultant firm:

1.3 Taxes and Duties:

1.3.1 For domestic consultants/personnel and foreign consultants/personnel who are permanent residents in India.

The consultants and the personnel shall pay the taxes, duties; fees, levies and other impositions levied under the existing, amended or enacted laws during life of this contract and the client shall perform such duties in regard to the deduction of such tax as may be lawfully imposed.

1.3.2 For foreign Consultants/personnel:

The client warrants that the client shall pay on behalf of the consultants and the Personnel any taxes, duties, fees, levies and other impositions imposed, under the Applicable Law, on the consultants and the Personnel in respect of:

(a) Any payments made to the Consultants, Sub-consultants, and the Personnel of either of them (other than Indian nationals or foreign nationals now permanently residing in India), in connection with

the carrying out of the Services;

(b) Any equipment, materials and supplies brought into India by the Consultants or Sub-consultants for the purpose of carrying out the Services and which, after having been bought into such territories, will be subsequently withdrawn there from by them;

(c) Any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the client and which is treated as property of the client;

(d) Any property brought into India by the Consultants, any Sub-consultants, and the Personnel of either of them (other than Indian

national or permanent residents of India),or the eligible dependents of such personnel for their personal use and which will subsequently be withdrawn there from by them upon their respective departure from India, provided that;

(1) the consultants sub-consultants and Personnel, and their dependents, shall follow the usual customs procedure of Government in importing property into India; and eligible the

(2) If the consultants, Sub-consultants or personnel, or their eligible dependents, do not withdraw but dispose of any property in India upon which customs duties and taxes have been exempted, the consultants, Sub-consultants or Personnel, as the case may be,

(i) Shall bear such customs duties and taxes in conformity with the regulations of the Government.

or

(ii) Shall reimburse them to the client if they were paid by the client at the time the property in question was brought into the Government's country.]

2. Commencement of Contract

2.1 The date on which this Contract shall come into effect is: The date of on which contract is signed or the date of issue of Notice to Proceed by the Executive Engineer in-charge.

2.2 The date for commencement of services is from date of issue of work order.

(a) Except in case of fraud or willful misconduct on the part of the Consultants or on the party of any person or firm acting on behalf of the consultants in carrying out the services, the consultants, with respect to damage caused by the consultants to their Employer's property, shall not be liable to the Employer:

(i) For any indirect or consequential loss or damage; and

(ii) For any direct loss or damage that exceeds (A) the total payments for professional Fees and Reimbursable Expenditures made or expected to be made to the Consultants here under, or(B)the proceeds the Consultants maybe entitled to receive from any increase maintained by

The Consultants to cover such a liability, whichever of (A) or (B) is higher.

(b) This limitation of liability shall not affect the consultants 'liability, if any, for damage to Third parties caused by the consultants or any person or firm acting on behalf of the consultants in carrying out the services.

3.4 The risks and the coverage shall be;

1. Third Party motor vehicle liability insurance as required under Motor Vehicles Act, 1988, in respect of motor vehicles operated in India by the Consultants or their Personnel or any Sub-consultants or their Personnel, for the period of Consultancy;

2. Third Party liability insurance, with a minimum coverage for **Rs.10.00 lakhs** for the period of Consultancy.

3. Employer's liability and worker's compensation insurance in respect of the Personnel of the consultants and of any sub-consultant, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate;

4. Professional liability insurance, with a minimum coverage of equal to total contract value for this consultancy; and

5. Insurance against loss of or damage to (i) equipment purchased in

whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultants in the performance of the Services.

3.5 The other sections are: (i) Taking any action under a civil works contract designating the Consultants as "Engineer" for which action, pursuant to such civil works contract, the written approval of "Employer" is required.

3.6 The Consultants shall not use these documents for purposes unrelated to this Contract without the prior written approval of the Client.

3.7 The person designated as Team Leader in Appendix C or a person nominated by the Consultant, shall serve in that capacity as specified in GCC Clause 4.2.1

3.8 The payment to the consultant shall be made as per the schedule of payment, regularly by CE(P).

4. The following provisions shall apply to the payment.

This is a lump sum contract with milestone payments.

5 **Arbitration**

5.1 General Conditions of Dispute Adjudication Board Agreement

If any dispute arises between the parties in connection with, or arising out of, the Contract or the execution of the works shall be adjudicated by the DBA comprising of 3 members constitute by:

a. Additional Chief Engineer, BWSSB as Employer representative,
b. The " Consultancy", and
c. The "Member" third party who is being identified/nominated jointly by both Employer and Contractor.

If either party is dissatisfied with the DAB's decision, then either Party may, within 28days after receiving the decision, give Notice to the other party of its dissatisfaction. If the DAB fails to give its decision within period prescribed, then either party may, within 28 days after this period has expired, give Notice to the other Party of its dissatisfaction. Then only the procedure of 4.2 shall be initiated.

5.2 The procedure for arbitration shall be as follows:

(a) In case of dispute or difference arising between the Employer and the Contractor relating to any matter arising out of or connected with this agreement it shall be settled in accordance with the Arbitration and Conciliation Act 1996. The disputes or differences shall be referred to a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the Appointing Authority (any one of the Organizations as per list enclosed in Annexure)

(b) Arbitration proceedings shall be held at ***Bangalore***, Karnataka, India

(c) The cost and expenses of arbitration proceedings will be paid as determined by the Arbitrator. However the expenses incurred by each party in connection with the preparation, presentation, etc., shall be borne by each party itself.

(d) Performance under the contract shall continue during the arbitration proceedings and payments due the Contractor by the

Employer shall not be withheld, unless they are the subject matter of the arbitration proceedings.

Annexure:

LIST OF ORGANIZATIONS WHO ARE CONSIDERED AS APPOINTING AUTHORITY FOR APPOINTMENT OF ARBITRATORS

1	1. Indian Council of Arbitration,
2	2. International Centre for Alternative Disputes Resolution (India);
3	3. Indian Roads Congress;
4	4. Indian Building Congress;
5	5. Indian Institute of Bridge Engineers;
6	6. Indian Institute of Public Health Engineers;
7	7. Institute of Water Works

V APPENDICES

Appendix-A Description of the Services (Based on TOR)

(Give detailed descriptions of the Services to be provided; dates for completion of various tasks, place of performance for different tasks; specific tasks to be approved by Client etc.)

Appendix-B Reporting Requirements

(List format, frequency and contents of reports; persons to receive them, dates of submission, number of copies, etc .If no reports are to be submitted, state here "Not applicable")

Appendix-C

Key Personnel and Sub-consultants (Refer Clause 4.1 of the Contract)

List under: C-1 Titles (and names, if already available), detailed job descriptions and minimum qualifications and experience of Personnel to be assigned to work in India, and staff-months for each.

C-2 Deleted.

C-3 List of approved Sub-consultants (if already available): same information with respect to their Personnel as in C-1.

C-4 Same information as C-1 for Key Local Personnel.

Appendix-D

Services and Facilities Provided by the Client

Appendix–E

PROFORMA OF BANK GUARANTEE FOR PERFORMANCE SECURITY DEPOSIT

(On non-Judicial Paper Of Appropriate Value)

To:_____(nameofEmployer) _____(address of Employer) WHEREAS_____(name and address of Contractor) (herein after called “the Contractor”) has undertaken, in

pursuance of Contract No.___dated _____to execute_____(name of Contract and brief description of Works) (hereinafter called “the Contract”); AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such as Bank Guarantee; NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf

Of the Contractor , up to a total of_____(amount of Guarantee)_(amount in words), such sum being payable in the types and proportions- of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ (amount of guarantee) as afore said without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until a date 28 days from the date of issue of the Taking-Over Certificate.

SIGNATURE AND SEAL OF THE

GUARANTOR Name of Bank _____

Address_____

Date_____